



INVESTIGATOR'S ANNUAL REPORT

United States Department of the Interior
National Park Service

All or some of the information you provide may become available to the public.

OMB # (1024-0236)
Exp. Date (11/30/2010)
Form No. (10-226)

Reporting Year: 2007	Park: Shenandoah NP	Select the type of permit this report addresses: Scientific Study							
Name of principal investigator or responsible official: Todd Edgerton		Office Phone: 434-220-9026							
Mailing address: 900 Natural Resource Drive, Suite 800 Charlottesville, VA 22902 US		Office FAX Office Email todd.edgerton@dof.virginia.gov							
Additional investigators or key field assistants (first name, last name, office phone, office email) <table><tr><td>Name: Dr. Chris Asaro</td><td>Phone: 434-977-6555</td><td>Email: chris.asaro@dof.virginia.gov</td></tr><tr><td>Name: Todd Edgerton</td><td>Phone: 434-220-9026</td><td>Email: todd.edgerton@dof.virginia.gov</td></tr></table>				Name: Dr. Chris Asaro	Phone: 434-977-6555	Email: chris.asaro@dof.virginia.gov	Name: Todd Edgerton	Phone: 434-220-9026	Email: todd.edgerton@dof.virginia.gov
Name: Dr. Chris Asaro	Phone: 434-977-6555	Email: chris.asaro@dof.virginia.gov							
Name: Todd Edgerton	Phone: 434-220-9026	Email: todd.edgerton@dof.virginia.gov							
Project Title (maximum 300 characters): Sudden Oak Death Stream-baiting Survey 2007									
Park-assigned Study or Activity #: SHEN-00342	Park-assigned Permit #: SHEN-2007-SCI-0012	Permit Start Date: Jul 12, 2007	Permit Expiration Date: Sep 30, 2007						
Scientific Study Starting Date: May 20, 2007		Estimated Scientific Study Ending Date: Jun 21, 2007							
For either a Scientific Study or a Science Education Activity, the status is: Completed		For a Scientific Study that is completed, please check each of the following that applies: <input checked="" type="checkbox"/> A final report has been provided to the park or will be provided to the park within the next two years <input type="checkbox"/> Copies of field notes, data files, photos, or other study records, as agreed, have been provided to the park <input type="checkbox"/> All collected and retained specimens have been cataloged into the NPS catalog system and NPS has processed loan agreements as needed							
Activity Type: Monitoring									
Subject/Discipline: Integrated Pest Mgmt.									

Purpose of Scientific Study or Science Education Activity during the reporting year (maximum 4000 characters):

The purpose of this survey is early detection of *Phytophthora ramorum* (Pr) in forest vegetation before infection centers become fully established and more difficult to eradicate. The risk-based survey strategy is formulated from new understanding of the biology and ecology of Pr, especially as it relates to its detection in fresh water; combined with the existing risk map, which integrates putative host abundance, favorable climate, and potential pathways of introduction.

For SNP - sample two(2) 5,000 - 10,000 acre watersheds for a presence of *Phytophthora ramorum* (S.O.D.)

The survey is voluntary and administered by the USDA Forest Service, Forest Health Protection-Forest Health Monitoring Program.

State forestry agencies and supporting laboratories accomplish the survey with funding, training and logistical assistance from USDA Forest Service.

Findings and status of Scientific Study or accomplishments of Science Education Activity during the reporting year (maximum 4000 characters):

One baiting period was successfully tested, within the park boundaries. That baiting period showed negative results when tested for Pr (Sudden Oak Death.) 5 baiting periods had been planned, only one period was utilized due to repeated access constraints.

Access to the park was limited due to the improper key, at Camp Hoover/Rapidan.

For Scientific Studies (not Science Education Activities), were any specimens collected and removed from the park but not destroyed during analysis?

No

Funding specifically used in this park this reporting year that was provided by NPS (enter dollar amount):

\$0

Funding specifically used in this park this reporting year that was provided by all other sources (enter dollar amount):

\$500

List any other U.S. Government Agencies supporting this study or activity and the funding each provided this reporting year:

Paperwork Reduction Act Statement: A federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. Public reporting for this collection of information is estimated to average 1.625 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms. Direct comments regarding this burden estimate or any aspect of this form to Dr. John G. Dennis, Natural Resources (3127 MIB), National Park Service, 1849 C Street, N.W., Washington, DC 20240.